ATOMIC Briefing Summary

1/21/2020

Summary

 This was the first official briefing, and most of the time was dedicated to an overview of what data and forecasts are available to us (as opposed to an actual weather briefing). Our main sources are:

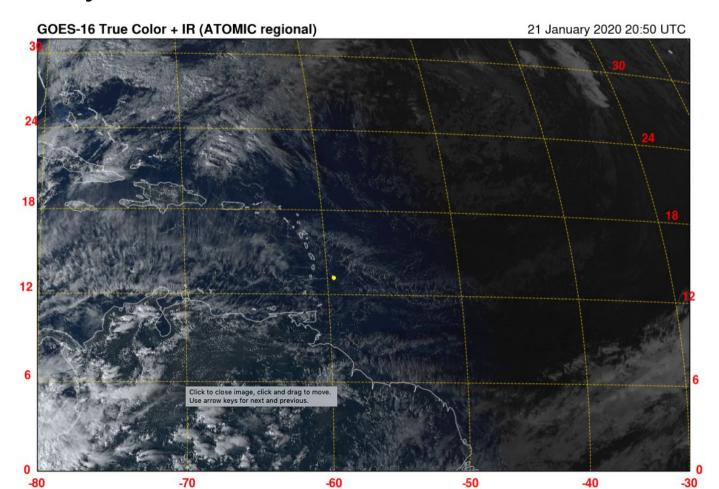
https://www.esrl.noaa.gov/psd/atomic/briefing/

https://observations.ipsl.fr/aeris/eurec4a/#/

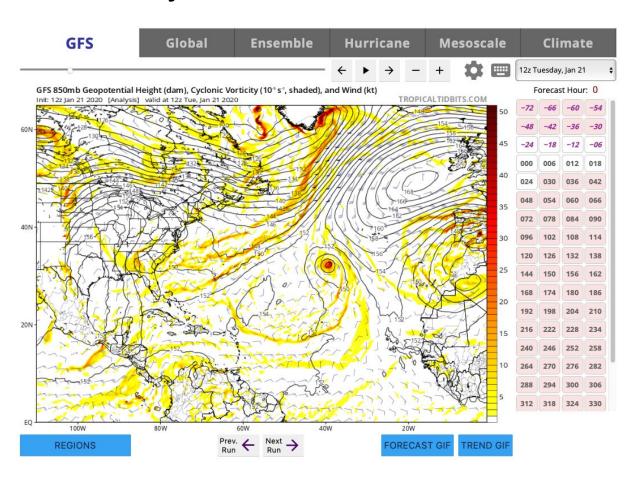
- The next slides show some snapshots of data/forecasts that we looked at, where outlooks were focused on next Thursday (next P3 flight)
- We need to add P3 flight tracks, and comparison of GFS/RHB and GFS/P3 soundings (will probably be working by Thursday)
- Latest ATOMIC weather briefing from Caribbean forecasters can be found here:

http://eurec4a.uk/forecast_testbed/

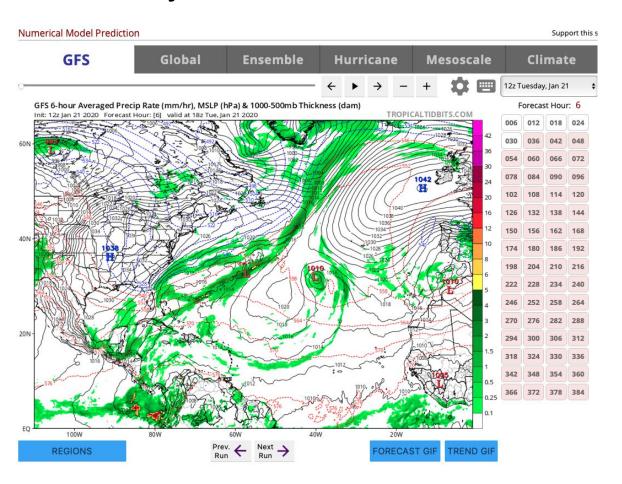
Today's GOES-16



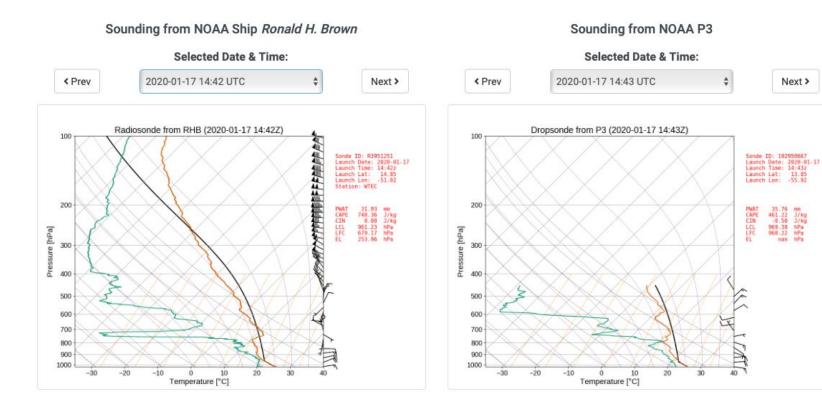
GFS analysis



GFS analysis

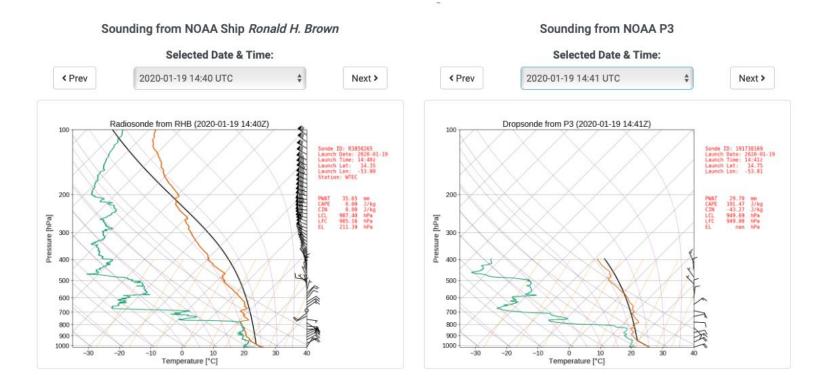


RHB and P3 soundings from 01/17/2020

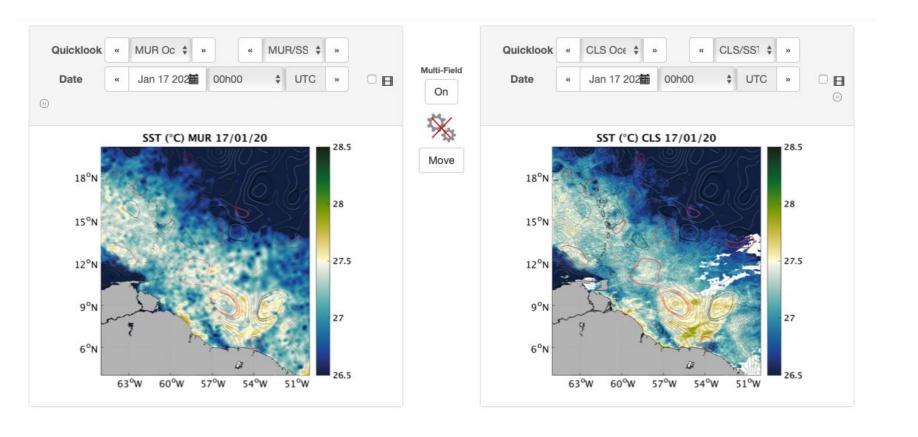


Next >

RHB and P3 soundings from 01/19/2020

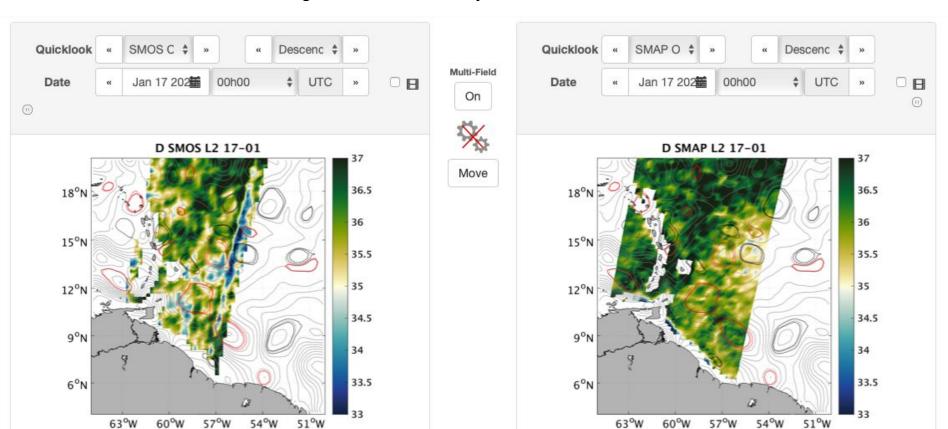


Latest ocean observations: SST & TOEddies

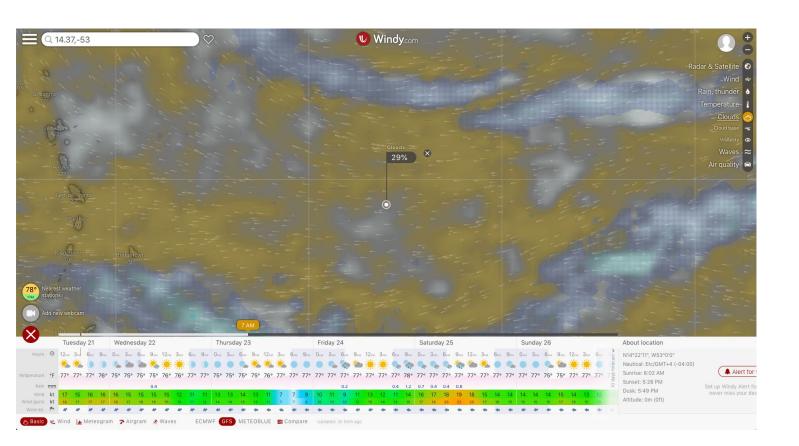


Latest ocean observations:

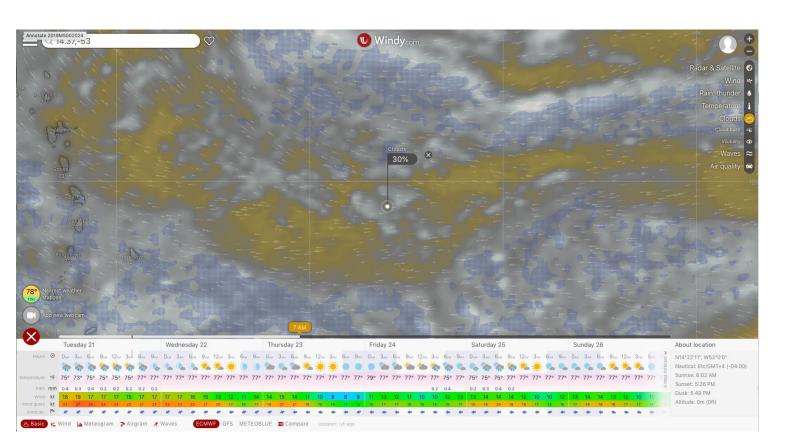
Descending Sea Surface Salinity and TOEddies



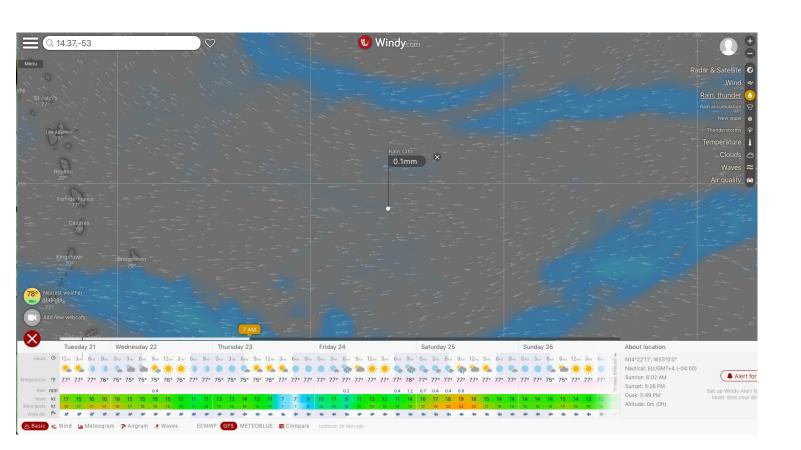
Clouds forecast: GFS



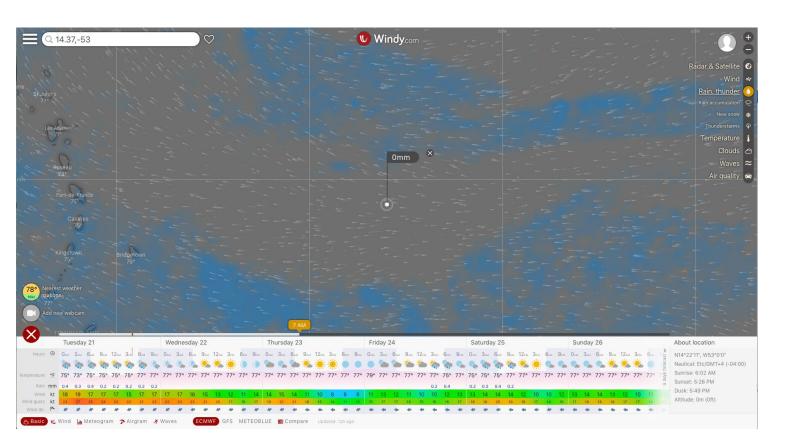
Clouds forecast: ECMWF



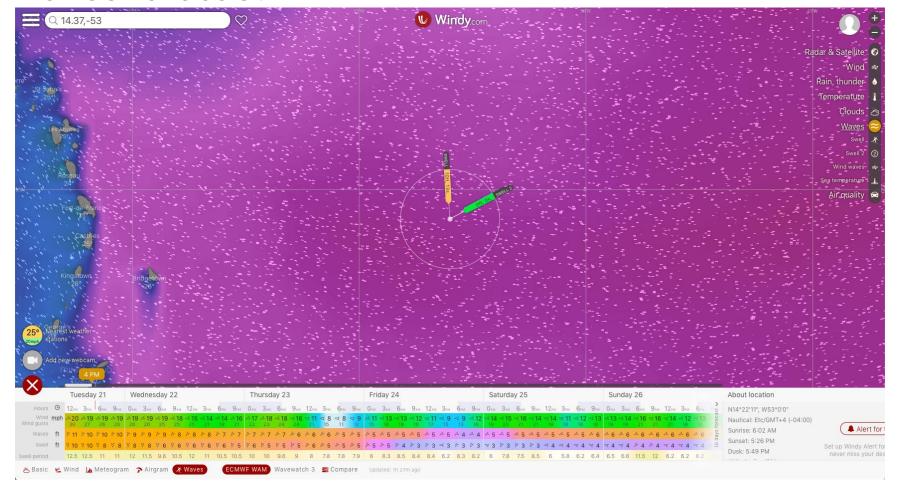
Precipitation forecast: GFS



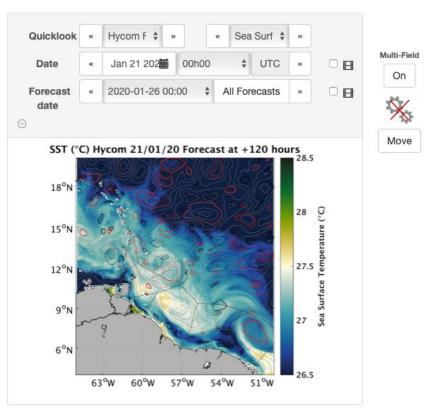
Precipitation forecast: ECMWF

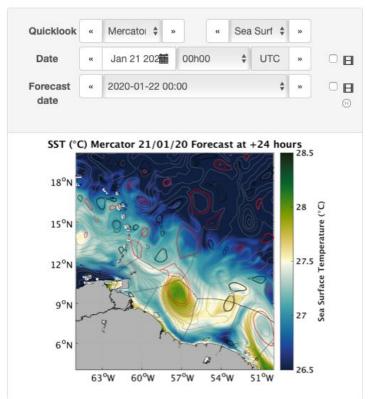


Waves forecast

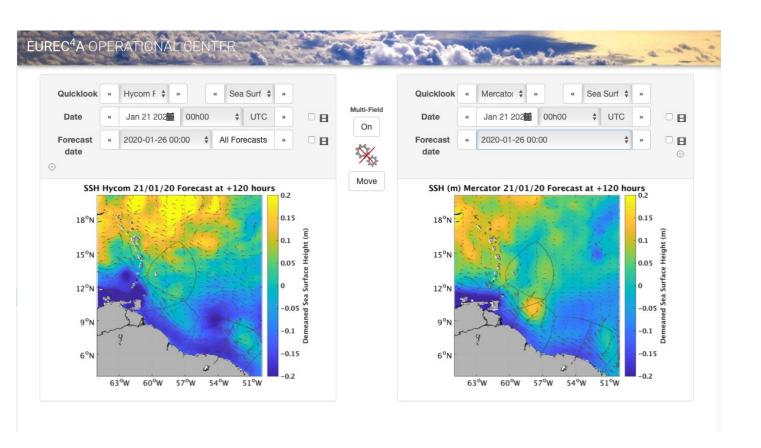


Ocean Forecasts





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